

STEEL PLATE, CHECKERED OR LENTICULAR-RIFFLED

Lenticular-Riffled Steel Plate

Under GOST 8568-77

General-purpose hot-rolled carbon steel of grades St0, St1, St2, St3, chemical composition under GOST 380-94, all deoxidation levels. To be manufactured checkered or lenticular-riffled at one side. To be delivered in sheet/plate or coils. Under customer's demand can be manufactured of other steel grades.

Range of products

Base Thickness, mm	Thickness Tolerances at Width Ranges as Follows, mm						Riffle Base Width, b, mm		Riffle Length, l, mm	Riffle Curve Radius, R, mm	Mass of 1 m ² of product, kg	Mass Tolerances %
	600 to 10000 incl.		Over 1000 to 15000 incl.		Over 1500 to 20000 incl.							
	Normal Accuracy	High Accuracy	Normal Accuracy	High Accuracy	Normal Accuracy	High Accuracy	Normal Accuracy	High Accuracy				
2.5	±0.25	±0.18	±0.25	±0.18	-	-	3.6	±0/15	24	30	21.0	±0.10
3.0	±0.25	±0.23	±0.25	±0.23	-	-	4.0	±0.15	24	30	24.2	±0.10
4.0	+0.3 -0.7	±0.30	+0.3 -0.7	±0.30	+0.3 -0.7	±0.30	4.0	±0.15	24	30	32.2	±0.10
5.0	+0.3 -0.7	±0.35	+0.3 -0.7	±0.35	+0.3 -0.7	±0.35	5.0	±0.15	24	30	40.5	±0.10
6.0	+0.4 -0.8	+0.4 -0.8	+0.4 -0.8	+0.4 -0.6	+0.4 -0.8	+0.4 -0.6	5.0	±0.15	24	30	48.5	±0.10
8.0	+0.4 -0.8	+0.4 -0.8	+0.4 -0.8	+0.3 -0.8	+0.4 -0.9	+0.3 -0.8	6.0	±0.15	24	30	64.9	±0.10
10.0	+0.5 -1.0	+0.5 -1.0	+0.6 -1.0	+0.4 -0.7	+0.6 -1.0	+0.5 -0.9	6.0	±0.15	24	30	80.9	±0.10
12.0	+0.6 -1.1	+0.6 -1.1	+0.7 -1.1	+0.6 -1.0	+0.7 -1.1	+0.6 -1.0	6.0	±0.15	24	30	96.8	±0.10

Sheet width: 950 to 1830 mm.

Length tolerances and width tolerances: under GOST 19903-74.

If required by customer, the products can be manufactured of tolerances as follows:

width tolerance for products with mill edges, over 1000 mm in width: +20 mm;

length tolerances for products 2000 to 6000 mm long or over at thickness of 4.0 and 5.0 mm: +15 mm,

at thickness of 6, 8, 10 and 12 mm: +25 mm.

Products shall be manufactured of normal and improved flatness. Flatness tolerances: under GOST 19903-74.

Under ASTM A786/A786M

This standard covers carbon high-strength, low-alloyed and alloyed steel plate intended for flooring, stairs, transport equipment and other purposes.

Steel plate under ASTM A786M shall be manufactured lenticular-riffled, the pattern being in conformity with JSC Severstal's drawing.

Steel grades: under national and international standards (as agreed with customer).

Dimensional tolerances: ASTM A786M, ASTM A568M, ASTM A 635M, ASTM A6M.

Mechanical properties: are not determined.

Under DIN 5920

Hot-rolled checkered steel plate.